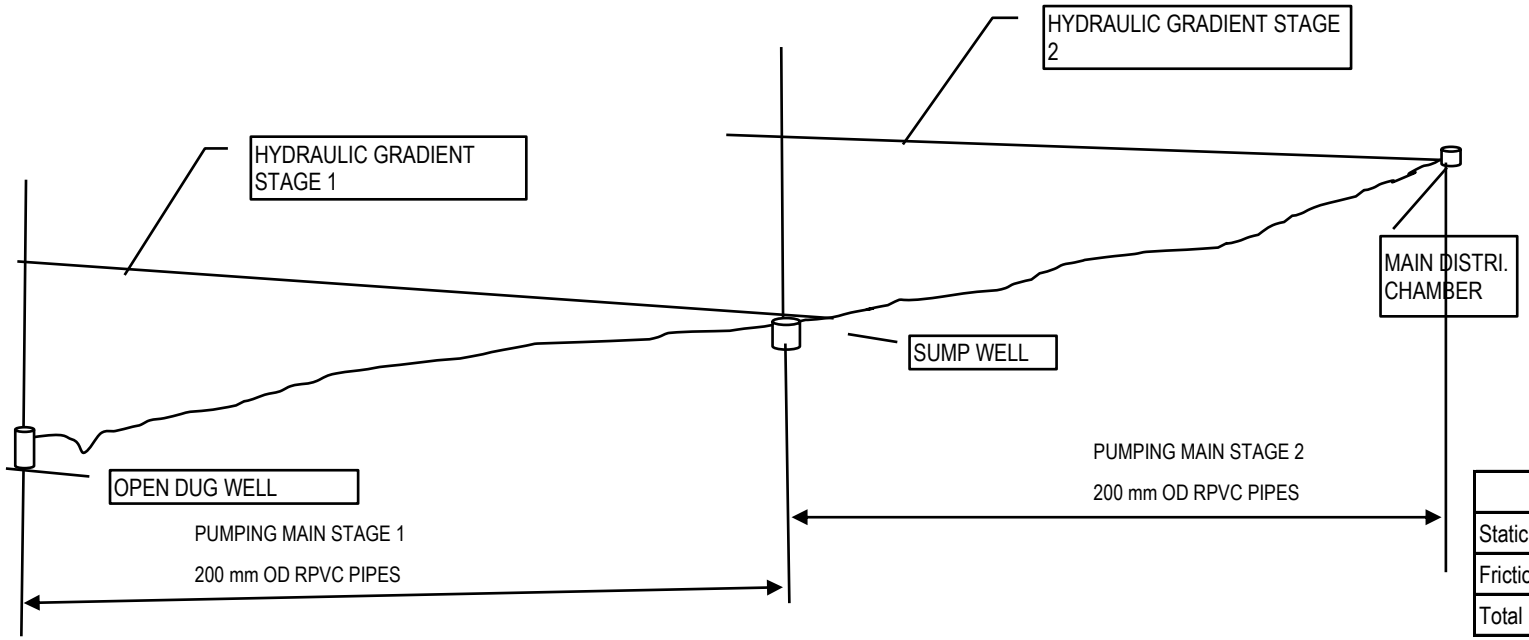
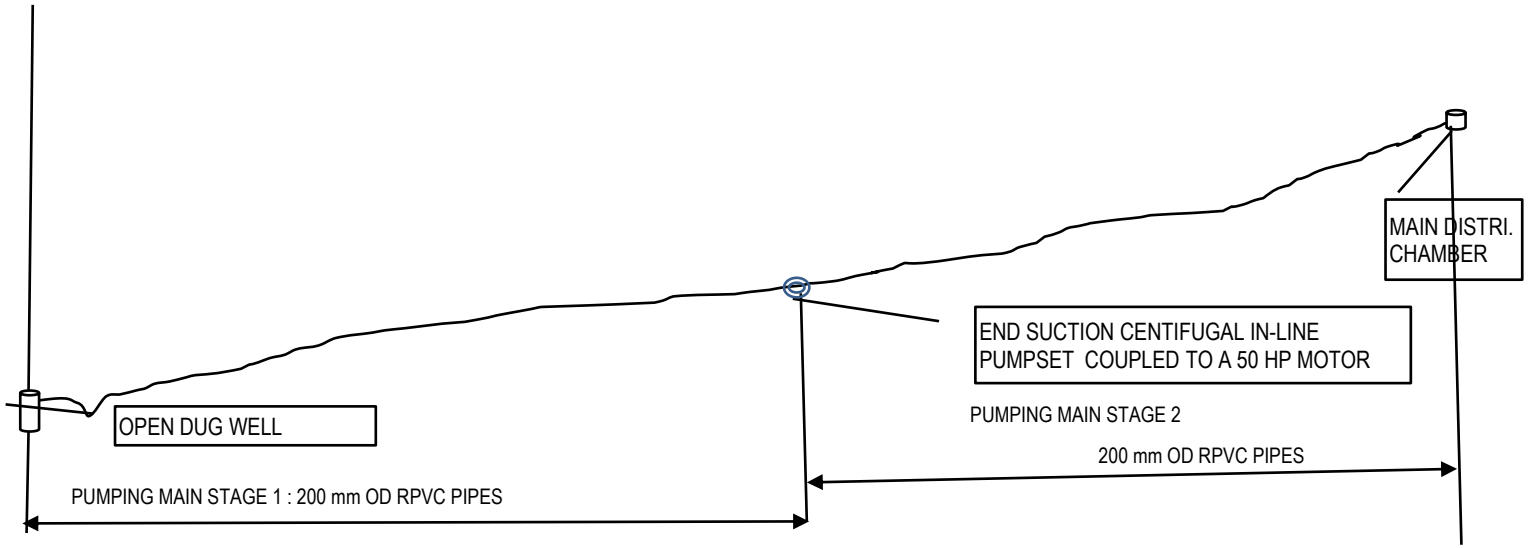
0.92



EXISTING SET-UP

Design Discharge Q = 30 LPS
HP at Stage 1 = 40 HP
HP at Stage 2 =50 HP
Pipe Length Stage 1 = 2870 m
Pipe Length Stage 2 = 2210 m
Rate of Frictional loss / km 5.27 m

	Stage 1	Stage 2
Static Head in meters	50.50	64.00
Frictional Losses	17.12	13.65
Total Head	67.62	77.65



PROPOSED SET-UP

Design Discharge Q = 30 LPS
HP at Stage 1 = 40 HP
HP at Stage 2 =50 HP
Pipe Length Stage 1 = 2870 m
Pipe Length Stage 2 = 2210 m